



Mathematics 2005, Grade 4

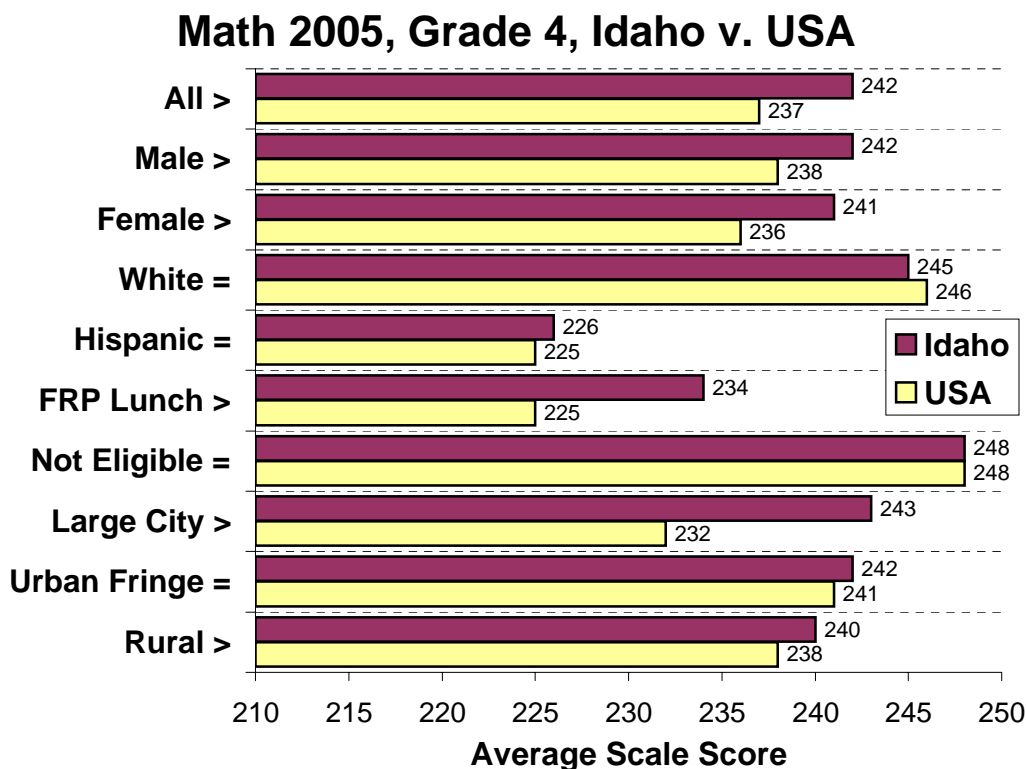
Mathematics Composite

Idaho NAEP Snapshot

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The Mathematics assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student skills with number properties and operations, measurement, geometry, data analysis and probability, and algebra. The math scale ranges from 0 to 500, where 214 is a *Basic* performance, 249 is *Proficient*, and 282 is *Advanced*.

Demographic Group Comparison on Mathematics Average Scale Score



♦ In 2005, Idaho fourth graders had an average scale score in mathematics that was higher than their national counterparts, as did Idaho students in five demographic groups, namely, male and female students, students from low income families (i.e., students who qualify for free or reduced price meals in the National School Lunch Program), and students in large city and rural schools (as defined by the Census Bureau).

♦ In 2005, four demographic groups of Idaho fourth graders had an average scale score in mathematics that was not significantly different from their national counterparts: White students, Hispanic students, students who are not eligible for free or reduced price meals in the National School Lunch Program, and students in urban fringe schools.

♦ In 2005, no demographic group of Idaho fourth grade students had an average scale score on the mathematics assessment that was lower than its national counterpart.

Comparisons based on statistical tests (.05 level) that consider sample size, magnitude of difference, and standard errors.

Visit <http://www.sde.state.id.us/naep/> for additional results and more information about Idaho NAEP.